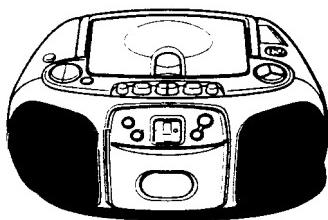




CSD-EX150 HR HC U2



SERVICE MANUAL

COMPACT DISC STEREO
RADIO CASSETTE RECORDER

BASIC TAPE MECHANISM : TN-21ZVC-1812
BASIC CD MECHANISM : DA-11T3C

This Service Manual is the "Revision Publishing" and replaces "Simple Manual"
(S/M Code No. 09-994-327-3T3).

aiwa
S/M Code No. 09-994-327-3R3

REVISION
DATA

SPECIFICATIONS

HR, HC MODELS

Tuner section

Frequency range, antenna — FM: 87.5 - 108.0 MHz Rod antenna,
AM: 530 - 1,605 kHz Ferrite bar antenna

Deck section

Track format — 4 tracks, 2 channels / Frequency range — Normal tape:
50 - 12,500 Hz (EIAJ) / Recording system — AC bias / Erasing system —
Magnet erase / Heads — Recording/playback head (1), Erasure head (1)

CD player section

Disc — Compact disc / Scanning method — Non-contact optical scanner
(semiconductor laser)

General

Speaker — 80 mm cone type (2) / Output — Headphones jack (stereo
mini-jack) / Power output — 2.5 W + 2.5 W (EIAJ 7 ohms, T.H.D. 10%),
1.9 W + 1.9 W (DIN 1% Rated Power) / Power requirements — DC 12 V
using eight size C (R14) batteries, AC 110 - 120 V/220 - 240 V
switchable, 50/60 Hz / Power consumption — 14 W / Dimensions — 310
(W) × 156 (H) × 253 (D) mm / Weight (excluding batteries) — 2.6 kg

- Design and specifications are subject to change without notice.

U2 MODEL

Tuner section

Frequency range, antenna — FM: 87.5 - 108.0 MHz Rod antenna,
AM: 530 - 1,710 kHz Ferrite bar antenna

Deck section

Track format — 4 tracks, 2 channels / Frequency range — Normal tape:
50 - 12,500 Hz (EIAJ) / Recording system — AC bias / Erasing system —
Magnet erase / Heads — Recording/playback head (1), Erasure head (1)

CD player section

Disc — Compact disc / Scanning method — Non-contact optical scanner
(semiconductor laser)

General

Speaker — 80 mm cone type (2) / Output — Headphones jack (stereo
mini-jack) / Power output — 2.5 W + 2.5 W (EIAJ 7 ohms, T.H.D. 10%) /
Power requirements — DC 12 V using eight size C (R14) batteries, AC
120 V, 60 Hz / Power consumption — 15 W / Dimensions — 310 (W) ×
156 (H) × 253 (D) mm (12¹/₄ × 6¹/₄ × 10 in.) / Weight (excluding
batteries) — 2.6 kg (5 lbs. 12 oz.)

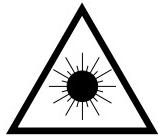
- Design and specifications are subject to change without notice.

PROTECTION OF EYES FROM LASER BEAM DURING SERVICING

This set employs laser. Therefore, be sure to follow carefully the instructions below when servicing.

WARNING!

WHEN SERVICING, DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION. BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 30cm FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL PICK-UP BLOCK.



- Caution: Invisible laser radiation when open and interlocks defeated avoid exposure to beam.
- Advarsel: Usynlig laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion.
Undgå utsættelse for stråling.

VAROITUS!

Laiteen käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käytäjän turvallisuusluokan 1 ylitäälle näkymättömälle lasersäteilylle.

VARNING!

Om apparaten används på annat sätt än vad som specificeras i denna bruksanvisning, kan användaren utsättas för osynlig laserstrålning, som överskrider gränsen för laserklass 1.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

ATTENTION

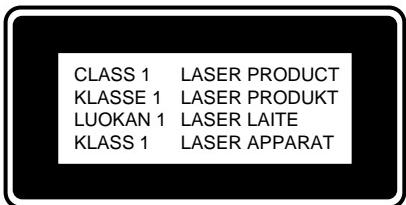
L'utilisation de commandes, réglages ou procédures autres que ceux spécifiés peut entraîner une dangereuse exposition aux radiations.

ADVARSEL!

Usynlig laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå utsættelse for stråling.

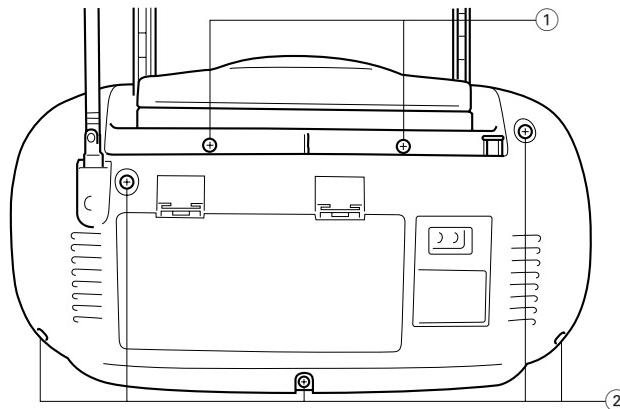
This Compact Disc player is classified as a CLASS 1 LASER product.

The CLASS 1 LASER PRODUCT label is located on the rear exterior.

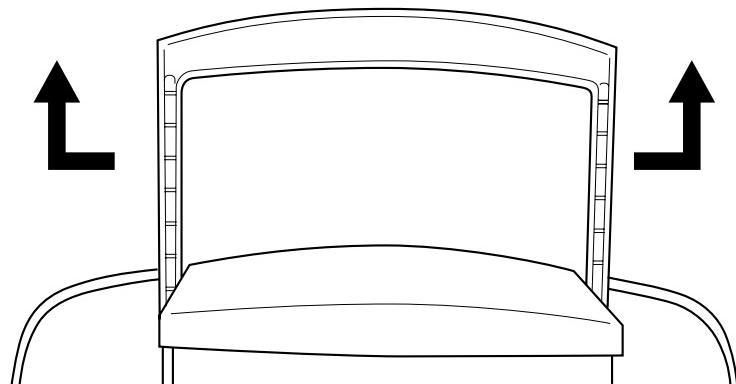


DISASSEMBLY INSTRUCTIONS

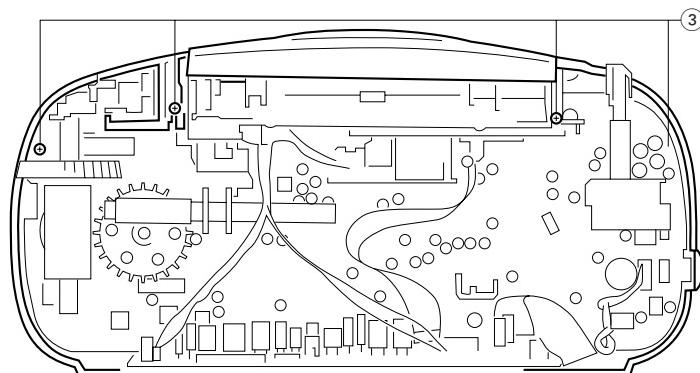
1. Remove the screws ① (V+3-10 GLD×2), ② (UT2+3-6×5) from the rear cabinet.



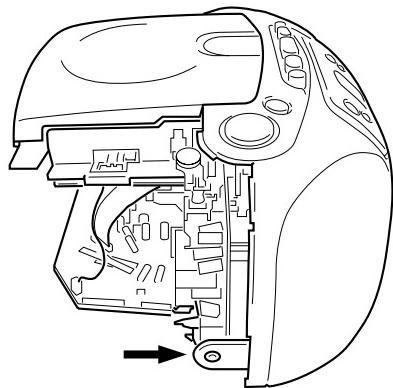
2. While pressing down the Q sound button, remove the rear cabinet .
Open the hanger wide to the right and left, and remove it.



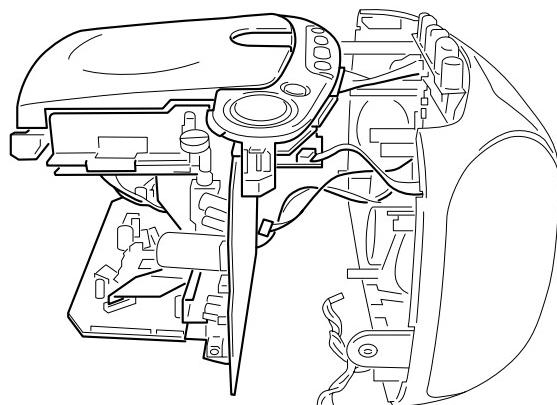
3. Remove the screws ③ (V+3-10 GLD×4).



4. Put the part of front cabinet shown by the arrow away from the H.P jack



5. Remove the CD block, the main board, and others from the front cabinet.



ELECTRICAL MAIN PARTS LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

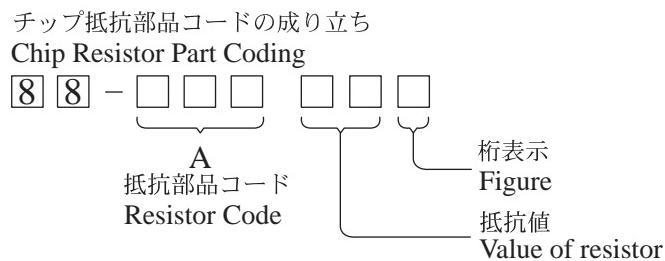
REF. NO	PART NO.	KANRI NO.	DESCRIPTION	REF. NO	PART NO.	KANRI NO.	DESCRIPTION
IC				C25	87-010-188-080		CAP,CHIP 6800P<U>
				C26	87-016-460-080		C-CAP,S 0.22-16 B
				C27	87-016-460-080		C-CAP,S 0.22-16 B
				C28	87-010-194-080		CAP, CHIP 0.047
				C29	87-010-194-080		CAP, CHIP 0.047
				C30	87-010-248-080		CAP, ELECT 220-10V
				C31	87-010-379-080		CAP, ELECT 22-16V
				C32	87-010-197-080		CAP, CHIP 0.01 DM
				C33	87-010-197-080		CAP, CHIP 0.01 DM
				C34	87-010-197-080		CAP, CHIP 0.01 DM
				C37	87-012-155-080		C-CAP 180P-50CH
				C38	87-010-318-080		C-CAP,S 47P-50 CH
				C91	87-010-197-080		CAP, CHIP 0.01 DM
				C92	87-010-178-080		CHIP CAP 1000P
				C97	87-018-134-080		CAPACITOR,TC-U 0.01-16<U>
TRANSISTOR				C98	87-010-197-080		CAP, CHIP 0.01 DM<U>
				C203	87-010-401-080		CAP, ELECT 1-50V
				C204	87-010-221-080		CAP, ELECT 470-10V
				C205	87-010-263-080		CAP, ELECT 100-10V
				C206	87-010-248-080		CAP, ELECT 220-10V
				C206	87-010-248-080		CAP, ELECT 220-10V
				C210	87-010-198-080		CAP, CHIP 0.022
				C211	87-010-260-080		CAP, ELECT 47-25V
				C212	87-010-198-080		CAP, CHIP 0.022
				C220	87-016-495-090		CAP,E 3300-25 SMG
				C230	87-010-405-080		CAP, ELECT 10-50V
				C231	87-010-404-080		CAP, ELECT 4.7-50V<HR,HC>
				C232	87-010-263-080		CAP, ELECT 100-10V
				C233	87-010-197-080		CAP, CHIP 0.01 DM
				C234	87-010-263-080		CAP, ELECT 100-10V
				C261	87-010-196-080		CHIP CAPACITOR,0.1-25
				C262	87-010-384-080		CAP, ELECT 100-25V
				C263	87-010-385-080		CAP, ELECT 220-25V
				C264	87-010-196-080		CHIP CAPACITOR,0.1-25
				C265	87-010-236-080		CAP,E 1000-10 SME
DIODE				C301	87-010-405-080		CAP, ELECT 10-50V
				C302	87-010-405-080		CAP, ELECT 10-50V
				C303	87-010-405-080		CAP, ELECT 10-50V
				C304	87-010-404-080		CAP, ELECT 4.7-50V
				C305	87-010-213-080		C-CAP,S 0.015-50 B
				C306	87-010-546-080		CAP, ELECT 0.33-50V
				C307	87-010-544-080		CAP, ELECT 0.1-50V
				C308	87-010-260-080		CAP, ELECT 47-25V
				C309	87-010-263-080		CAP, ELECT 100-10V
				C310	87-010-544-080		CAP, ELECT 0.1-50V
MAIN C.B				C311	87-010-546-080		CAP, ELECT 0.33-50V
				C312	87-010-213-080		C-CAP,S 0.015-50 B
				C313	87-010-404-080		CAP, ELECT 4.7-50V
				C314	87-010-405-080		CAP, ELECT 10-50V
				C315	87-010-405-080		CAP, ELECT 10-50V
				C316	87-010-405-080		CAP, ELECT 10-50V
				C317	87-010-401-080		CAP, ELECT 1-50V
				C318	87-010-401-080		CAP, ELECT 1-50V
				C319	87-010-197-080		CAP, CHIP 0.01 DM
				C320	87-010-405-080		CAP, ELECT 10-50V
				C321	87-010-260-080		CAP, ELECT 47-25V
				C322	87-010-402-080		CAP, ELECT 2.2-50V
				C325	87-010-400-080		CAP, ELECT 0.47-50V
				C326	87-010-400-080		CAP, ELECT 0.47-50V
				C329	87-010-401-080		CAP, ELECT 1-50V
				C330	87-010-197-080		CAP, CHIP 0.01 DM
				C331	87-010-197-080		CAP, CHIP 0.01 DM
				C332	87-010-197-080		CAP, CHIP 0.01 DM
				C333	87-010-197-080		CAP, CHIP 0.01 DM
				C334	87-010-404-080		CAP, ELECT 4.7-50V
				C335	87-010-401-080		CAP, ELECT 1-50V
				C336	87-010-401-080		CAP, ELECT 1-50V
				C337	87-010-178-080		CHIP CAP 1000P
				C338	87-010-384-080		CAP, ELECT 100-25V
				C339	87-010-404-080		CAP, ELECT 4.7-50V

REF. NO	PART NO.	KANRI NO.	DESCRIPTION	REF. NO	PART NO.	KANRI NO.	DESCRIPTION
C340	87-010-401-080	CAP, ELECT 1-50V		PVC1	87-A91-318-010	TUN-CAP,20P-140P E(TWD)<HR,HC>	
C341	87-010-178-080	CHIP CAP 1000P		PVC1	87-A91-316-010	TUN-CAP,20P-160P U(TWD)<U>	
C342	87-010-384-080	CAP, ELECT 100-25V		S1	87-A91-174-010	SW,SL 2-4-2 SK42H01G06	
C343	87-010-384-080	CAP, ELECT 100-25V		S301	87-A90-815-010	SW,PUSH 2-2-6 SPUN19-S-501	
C344	87-010-384-080	CAP, ELECT 100-25V		S410	87-A91-173-010	SW,SL 2-2-3 SK23E01G04	
C345	87-010-384-080	CAP, ELECT 100-25V		CD C.B			
C346	87-010-235-080	CAP,E 470-16 SME		C501	87-010-197-080	CAP, CHIP 0.01 DM	
C347	87-010-384-080	CAP, ELECT 100-25V		C502	87-010-221-080	CAP, ELECT 470-10V	
C348	87-010-235-080	CAP,E 470-16 SME		C503	87-010-221-080	CAP, ELECT 470-10V	
C351	87-010-401-080	CAP, ELECT 1-50V		C504	87-010-197-080	CAP, CHIP 0.01 DM	
C355	87-010-384-080	CAP, ELECT 100-25V		C506	87-010-196-080	CHIP CAPACITOR,0.1-25	
C401	87-010-178-080	CHIP CAP 1000P		C507	87-010-196-080	CHIP CAPACITOR,0.1-25	
C402	87-012-157-080	C-CAP,S 330P-50 CH		C508	87-A10-381-080	CAP,E 1000-10 RE	
C403	87-012-157-080	C-CAP,S 330P-50 CH		C509	87-010-197-080	CAP, CHIP 0.01 DM	
C407	87-010-248-080	CAP, ELECT 220-10V		C510	87-010-197-080	CAP, CHIP 0.01 DM	
C410	87-010-402-080	CAP, ELECT 2.2-50V		C511	87-010-263-080	CAP, ELECT 100-10V	
C411	87-010-177-080	C-CAP,S 820P-50 SL		C513	87-010-196-080	CHIP CAPACITOR,0.1-25	
C412	87-010-402-080	CAP, ELECT 2.2-50V		C514	87-010-196-080	CHIP CAPACITOR,0.1-25	
C413	87-012-158-080	C-CAP,S 390P-50 CH		C515	87-012-157-080	C-CAP,S 330P-50 CH	
C415	87-010-406-080	CAP, ELECT 22-50		C516	87-010-545-080	CAP, ELECT 0.22-50V	
C416	87-010-404-080	CAP, ELECT 4.7-50V		C525	87-010-176-080	C-CAP,S 680P-50 SL	
C417	87-010-384-080	CAP, ELECT 100-25V		C527	87-010-186-080	CAP,CHIP 4700P	
C418	87-010-402-080	CAP, ELECT 2.2-50V		C528	87-012-156-080	C-CAP,S 220P-50 CH	
C419	87-010-177-080	C-CAP,S 820P-50 SL		C529	87-010-545-080	CAP, ELECT 0.22-50V	
C420	87-012-158-080	C-CAP,S 390P-50 CH		C530	87-012-140-080	CAP 470P	
C422	87-010-406-080	CAP, ELECT 22-50		C531	87-010-374-080	CAP, ELECT 47-10V	
C423	87-010-404-080	CAP, ELECT 4.7-50V		C532	87-010-401-080	CAP, ELECT 1-50V	
C424	87-010-194-080	CAP, CHIP 0.047		C533	87-010-184-080	CHIP CAPACITOR 3300P(K)	
C425	87-010-177-080	C-CAP,S 820P-50 SL		C535	87-010-147-080	C-CAP,S 3P-50 CH	
C426	87-010-186-080	CAP,CHIP 4700P		C536	87-010-314-080	C-CAP,S 22P-50 CH	
C427	87-010-404-080	CAP, ELECT 4.7-50V		C538	87-010-196-080	CHIP CAPACITOR,0.1-25	
C428	87-010-260-080	CAP, ELECT 47-25V		C539	87-010-404-080	CAP, ELECT 4.7-50V	
C429	87-012-153-080	C-CAP,S 120P-50 CH		C540	87-010-196-080	CHIP CAPACITOR,0.1-25	
C430	87-010-213-080	C-CAP,S 0.015-50 B		C541	87-010-405-080	CAP, ELECT 10-50V	
C431	87-010-405-080	CAP, ELECT 10-50V		C543	88-700-850-081	CAP, NYLAR 0.047	
C433	87-010-177-080	C-CAP,S 820P-50 SL		C544	88-700-920-810	CAP 0.15 MF50V	
C434	87-010-186-080	CAP,CHIP 4700P		C545	87-010-197-080	CAP, CHIP 0.01 DM	
C435	87-010-404-080	CAP, ELECT 4.7-50V		C546	87-010-374-080	CAP, ELECT 47-10V	
C436	87-012-153-080	C-CAP,S 120P-50 CH		C547	87-010-263-080	CAP, ELECT 100-10V	
C437	87-010-213-080	C-CAP,S 0.015-50 B		C548	87-010-248-080	CAP, ELECT 220-10V	
C438	87-010-405-080	CAP, ELECT 10-50V		C549	87-010-198-080	CAP, CHIP 0.022	
C442	87-010-405-080	CAP, ELECT 10-50V		C550	87-010-374-080	CAP, ELECT 47-10V	
C445	87-010-194-080	CAP, CHIP 0.047		C551	87-010-178-080	CHIP CAP 1000P	
C449	87-010-322-080	C-CAP,S 100P-50 CH		C552	87-010-197-080	CAP, CHIP 0.01 DM	
C491	87-010-322-080	C-CAP,S 100P-50 CH		C553	87-010-248-080	CAP, ELECT 220-10V	
CF1	87-A90-128-010	FLTR,AM IF CFAL-455		C554	87-010-198-080	CAP, CHIP 0.022	
CF2	82-785-747-080	CF,MS2 GHY,R		C555	87-010-403-080	CAP, ELECT 3.3-50V	
CF3	82-785-747-080	CF,MS2 GHY,R		C556	87-010-197-080	CAP, CHIP 0.01 DM	
CN210	87-049-919-010	CONN,3P EH V WHT		C557	87-010-196-080	CHIP CAPACITOR,0.1-25	
CN220	87-049-469-010	CONN,4P V		C558	87-010-197-080	CAP, CHIP 0.01 DM	
CN230	87-099-572-010	CONN,15P TUC-P15P-B1		C559	87-010-315-080	C-CAP,S 27P-50 CH	
CN320	87-049-469-010	CONN,4P V		C560	87-010-263-080	CAP, ELECT 100-10V	
CN330	87-009-031-010	CONNECTOR, 3P		C561	88-700-910-081	MYLAR,0.1	
CN410	87-049-469-010	CONN,4P V		C562	87-010-196-080	CHIP CAPACITOR,0.1-25	
CN420	87-009-030-010	CONNECTOR 2P PH M		C563	87-012-156-080	C-CAP,S 220P-50 CH	
D3	87-A40-226-080	VARI-CAP,SVC251SPA		C564	87-018-121-080	CAP, CER 150P-50V	
J301	87-009-216-010	JACK, DIA 3.5		C565	87-010-263-080	CAP, ELECT 100-10V	
L2	87-A50-347-010	COIL,FM BPF EX<U>		C566	87-010-196-080	CHIP CAPACITOR,0.1-25	
L3	87-A50-350-010	COIL,BAR ANT AMN (COI)<HR,HC>		C569	87-010-404-080	CAP, ELECT 4.7-50V	
L3	87-A50-349-010	COIL,BAR ANT AMW (COI)<U>		C570	87-018-134-080	CAPACITOR,TC-U 0.01-16<U>	
L4	87-A50-345-010	COIL,FM RF EX		C571	87-010-248-080	CAP, ELECT 220-10V	
L5	87-A50-343-010	COIL,FM OSC EX<HR,HC>		C572	87-010-196-080	CHIP CAPACITOR,0.1-25	
L5	87-A50-449-010	COIL,FM OSC U<U>		C573	87-010-196-080	CHIP CAPACITOR,0.1-25	
L6	87-A50-337-010	COIL,AM OSC (TOKO)		C575	87-010-312-080	C-CAP,S 15P-50 CH	
L7	87-A50-336-010	COIL,AM IFT (TOKO)		C576	87-010-312-080	C-CAP,S 15P-50 CH	
L8	87-A50-335-010	COIL,FM IFT (TOKO)		C578	87-018-134-080	CAPACITOR,TC-U 0.01-16	
L9	87-A50-334-010	COIL,FM DET (TOKO)		C579	87-010-263-080	CAP, ELECT 100-10V	
L10	87-003-102-080	COIL, 10UH		C582	87-010-196-080	CHIP CAPACITOR,0.1-25	
L310	87-003-098-010	COIL 2.2UH<U>					
L401	87-007-342-010	COIL,OSC 85K BIAS					

REF. NO	PART NO.	KANRI NO.	DESCRIPTION	REF. NO	PART NO.	KANRI NO.	DESCRIPTION
C583	87-010-405-080		CAP, ELECT 10-50V		FRONT C.B		
C584	87-012-156-080		C-CAP,S 220P-50 CH	CN620	87-099-757-010		CONN,16P 9604S F
C585	87-010-405-080		CAP, ELECT 10-50V	D601	87-A91-172-010		LED, SA36-11HWA-11.0MM RED
C586	87-012-156-080		C-CAP,S 220P-50 CH	D611	87-A40-622-010		LED,L-34HDSL RED
C587	87-010-322-080		C-CAP,S 100P-50 CH	D614	87-A40-622-010		LED,L-34HDSL RED
C589	87-010-322-080		C-CAP,S 100P-50 CH	S601	87-A90-164-080		SW,TACT SKQAB(N)
C590	87-010-322-080		C-CAP,S 100P-50 CH	S602	87-A90-164-080		SW,TACT SKQAB(N)
C591	87-010-322-080		C-CAP,S 100P-50 CH	S603	87-A90-164-080		SW,TACT SKQAB(N)
C592	87-010-322-080		C-CAP,S 100P-50 CH	S604	87-A90-164-080		SW,TACT SKQAB(N)
C593	87-010-196-080		CHIP CAPACITOR,0.1-25	S605	87-A90-164-080		SW,TACT SKQAB(N)
C601	87-010-313-080		CAP, CHIP 18P				
C602	87-010-313-080		CAP, CHIP 18P				
C603	87-010-197-080		CAP, CHIP 0.01 DM		KEY L C.B		
C604	87-010-196-080		CHIP CAPACITOR,0.1-25	D641	87-A40-623-010		LED,L-34GDSL GRN
C605	87-010-385-080		CAP, ELECT 220-25V	D642	87-A40-623-010		LED,L-34GDSL GRN
C611	87-010-401-080		CAP, ELECT 1-50V	S606	87-A90-164-080		SW,TACT SKQAB(N)
C612	87-010-400-080		CAP, ELECT 0.47-50V	S607	87-A90-164-080		SW,TACT SKQAB(N)
C640	87-010-197-080		CAP, CHIP 0.01 DM	S608	87-A90-164-080		SW,TACT SKQAB(N)
C641	87-010-197-080		CAP, CHIP 0.01 DM				
C644	87-018-134-080		CAPACITOR,TC-U 0.01-16				
C655	87-010-178-080		CHIP CAP 1000P		KEY R C.B		
C656	87-015-627-080		C-CAP,1000P-50 B	S611	87-A90-164-080		SW,TACT SKQAB(N)
C657	87-010-197-080		CAP, CHIP 0.01 DM	S620	87-A90-164-080		SW,TACT SKQAB(N)
C658	87-015-819-080		CAPACITOR,0.01	S621	87-A90-164-080		SW,TACT SKQAB(N)
C659	87-010-178-080		CHIP CAP 1000P				
C660	87-010-405-080		CAP, ELECT 10-50V		MOTOR C.B		
C685	87-010-317-080		C-CAP,S 39P-50 CH	M2	9X-262-576-910		MOTOR GEAR ASSY
C686	87-010-319-080		C-CAP,S 56P-50 CH	PIN3	91-564-722-110		CONNECTOR 6P
C690	87-010-312-080		C-CAP,S 15P-50 CH	SW1	91-572-085-120		LEAF SW
CN520	87-A60-424-010		CONN,16P V TOC-B				
CN610	87-099-751-010		CONN,16P V 9604SC		AC C.B		
CN630	87-009-030-010		CONNECTOR 2P PH M				
CN640	87-099-561-010		CONN,15P TUC-P15X-B1				
L501	87-003-102-080		COIL, 10UH	C901	87-A11-132-080		CAP,TC U 0.01-50 K B
L502	87-003-226-080		MICRO INDUCTOR 100UJ	C902	87-A11-132-080		CAP,TC U 0.01-50 K B
L504	87-003-102-080		COIL, 10UH	C903	87-A11-132-080		CAP,TC U 0.01-50 K B
L505	87-003-226-080		MICRO INDUCTOR 100UJ<U>	C904	87-A11-132-080		CAP,TC U 0.01-50 K B
L590	87-003-102-080		COIL, 10UH<U>	CN910	87-049-919-010		CONN,3P EH V WHT
L591	87-008-372-010		FILTER, EMI BL OIRNI<U>				
L592	87-003-226-080		MICRO INDUCTOR 100UJ	△F901	87-A90-092-080		PROTECTOR,2.5A 491<HR,HC>
L593	87-003-102-080		COIL, 10UH<U>				
L601	87-003-143-080		COIL 4.7 UH				
L602	87-008-372-010		FILTER, EMI BL OIRNI				
SFR501	87-024-176-080		SEMI-FIXED RESISTOR, 100K				
X501	81-592-641-080		CERALOCK 16.93MHZ				
X601	87-030-273-010		VIB,XTAL 32.768K5PPM				
X602	87-030-376-080		VIB,CER CSA5.76MG200				

- Regarding connectors, they are not stocked as they are not the initial order items.
The connectors are available after they are supplied from connector manufacturers upon the order is received.

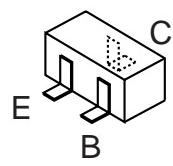
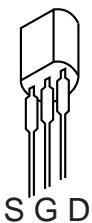
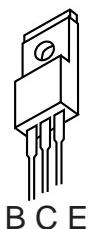
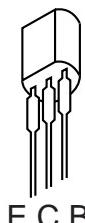
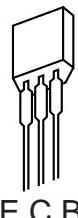
○チップ抵抗部品コード／CHIP RESISTOR PART CODE



チップ抵抗
Chip resistor

容量 Wattage	種類 Type	許容誤差 Tolerance	記号 Symbol	寸法／Dimensions (mm)			抵抗コード Resistor Code : A	
				外形／Form	L	W		
1/16W	1005	± 5%	CJ		1.0	0.5	0.35	104
1/16W	1608	± 5%	CJ		1.6	0.8	0.45	108
1/10W	2125	± 5%	CJ		2	1.25	0.45	118
1/8W	3216	± 5%	CJ		3.2	1.6	0.55	128

TRANSISTOR ILLUSTRATION



2SA933

2SC1740

DTA144EK

DTA114TS

DTC114YS

DTC124XS

2SA1015

2SA1296

2SA1318

2SC1815

2SC1923

2SC2001

2SC2878

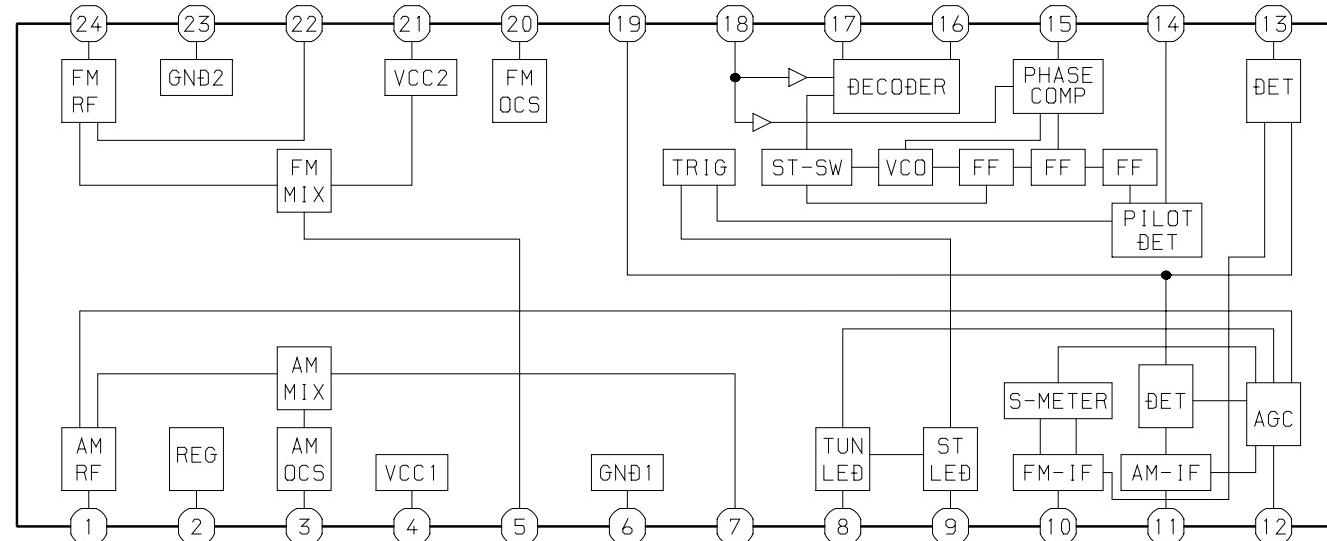
2SB1370

2SJ103

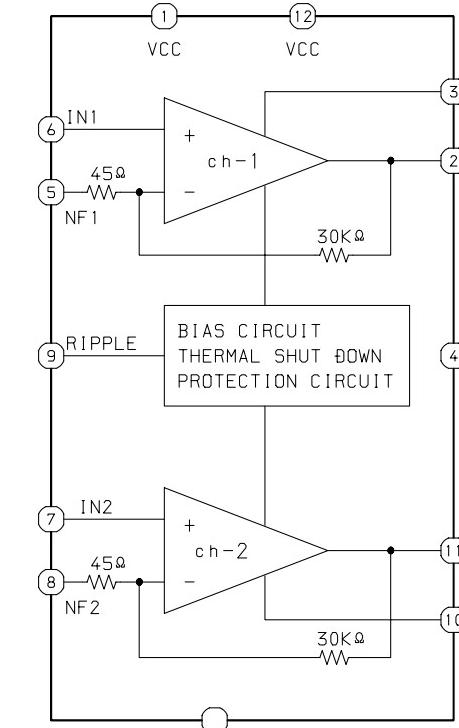
DTC114EK

IC BLOCK DIAGRAM

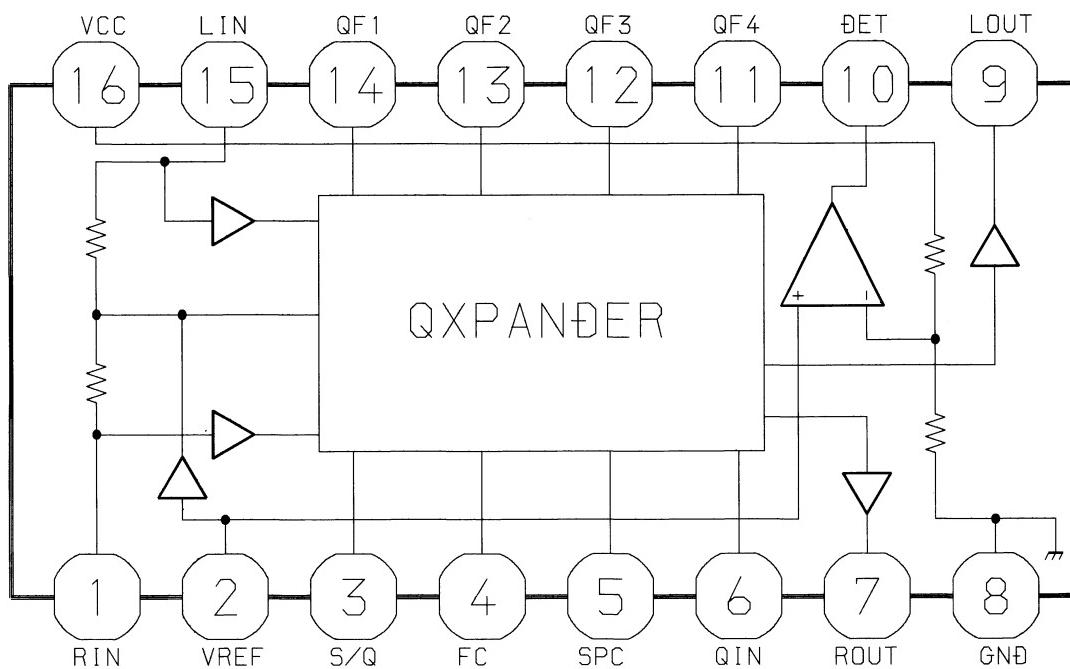
IC, LA1828



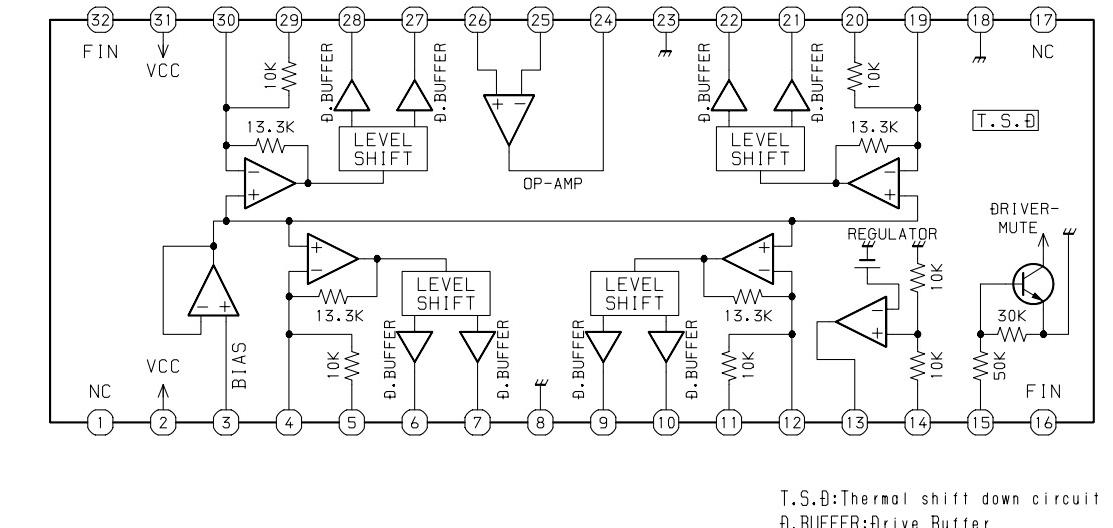
IC, TA8227P



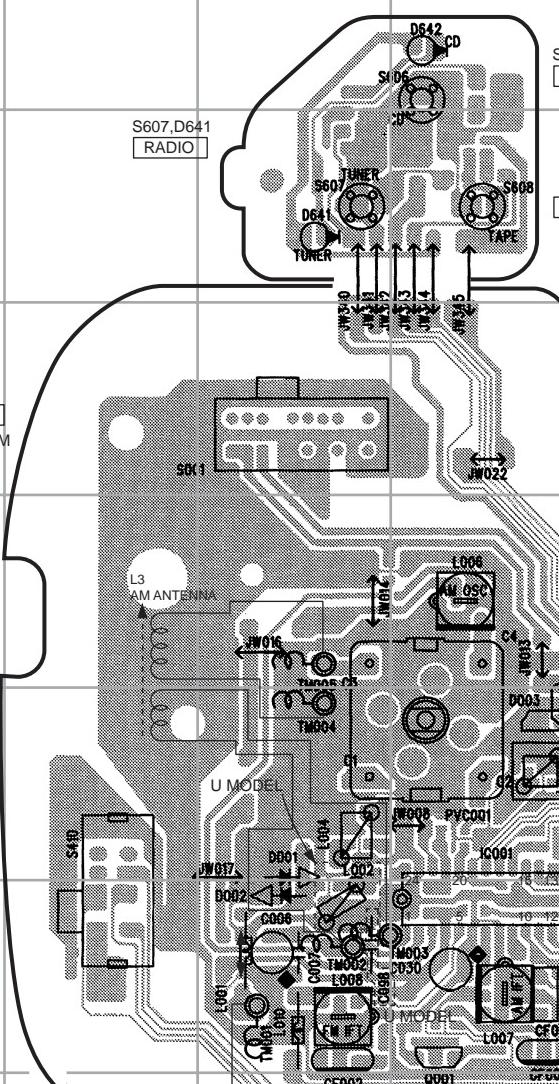
IC, MM1434XF

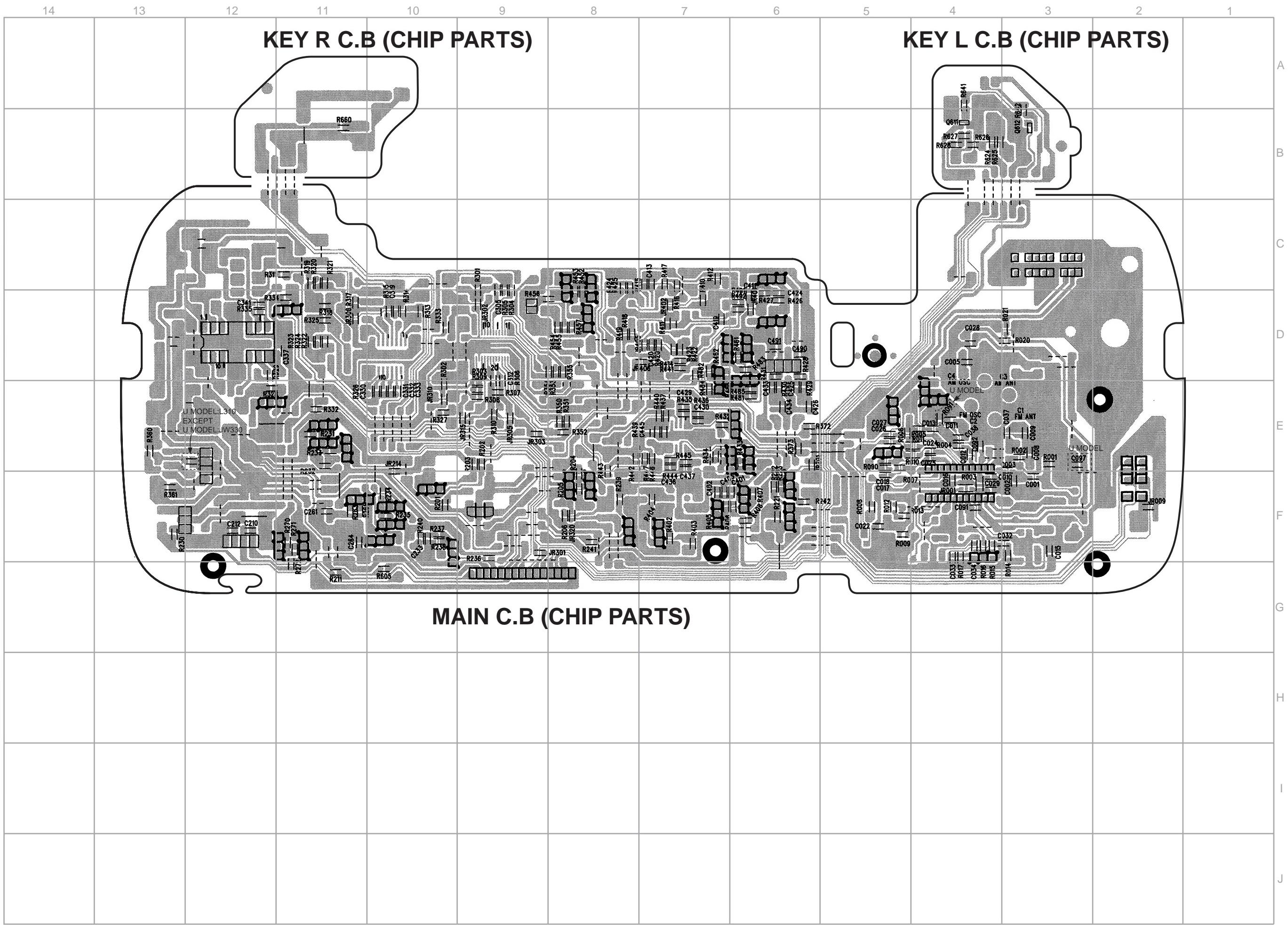


IC, BA6898S



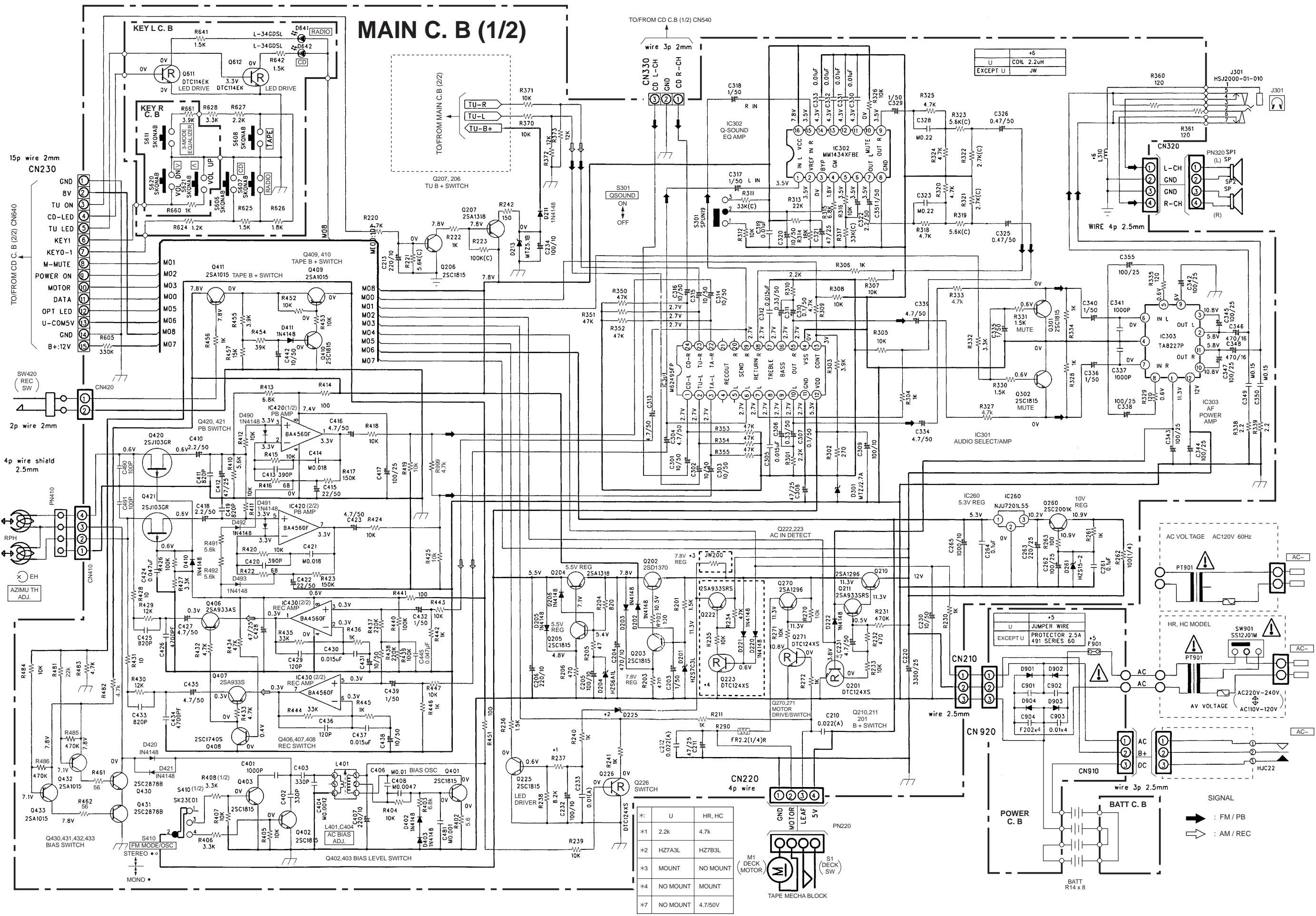
1 2 3 4 5 6 7 8 9 10 11 12 13 14

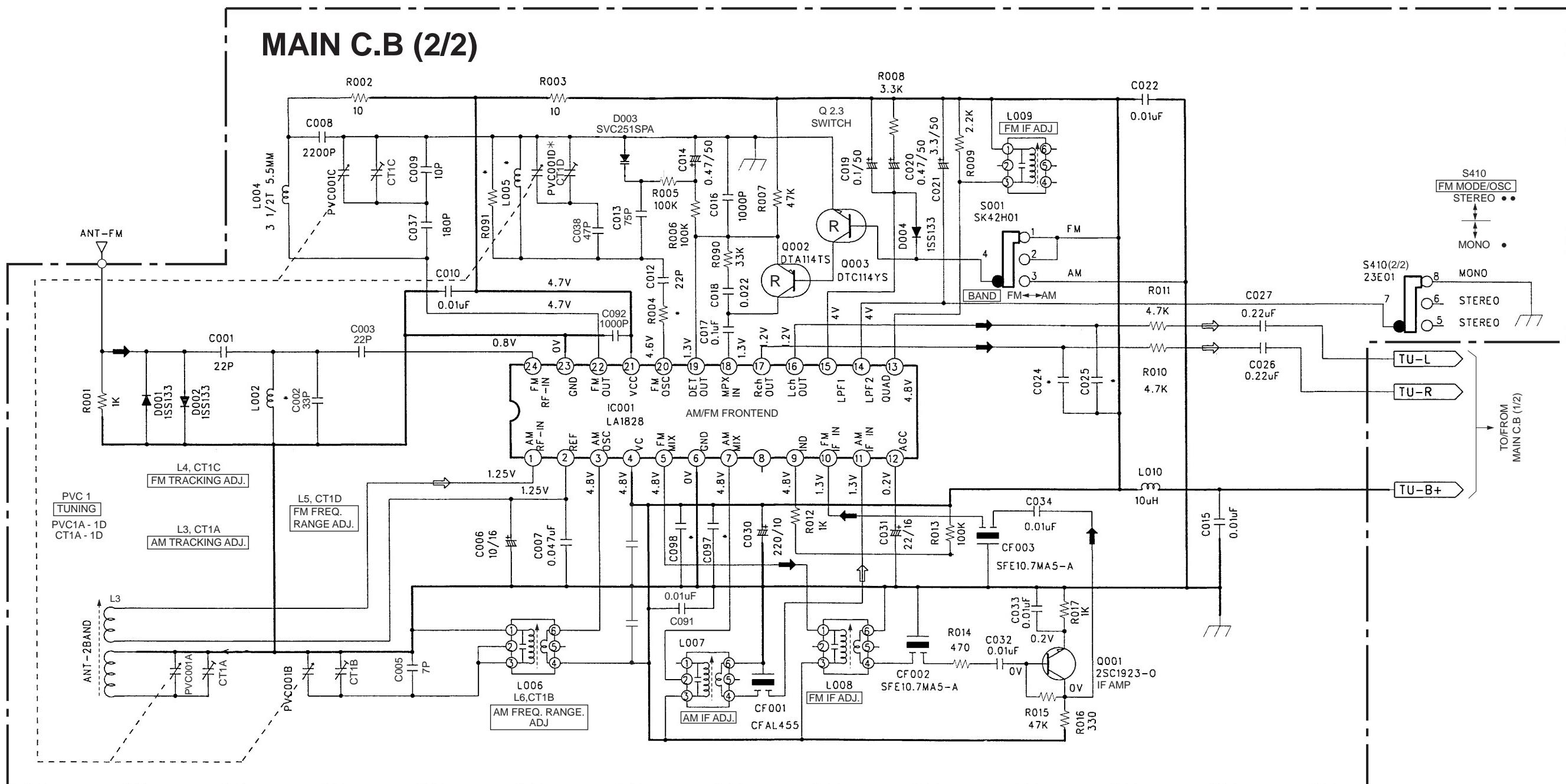
KEY L C.B (INSERTED PARTS)



SCHEMATIC DIAGRAM-1 (MAIN 1/2)

MAIN C. B (1/2)

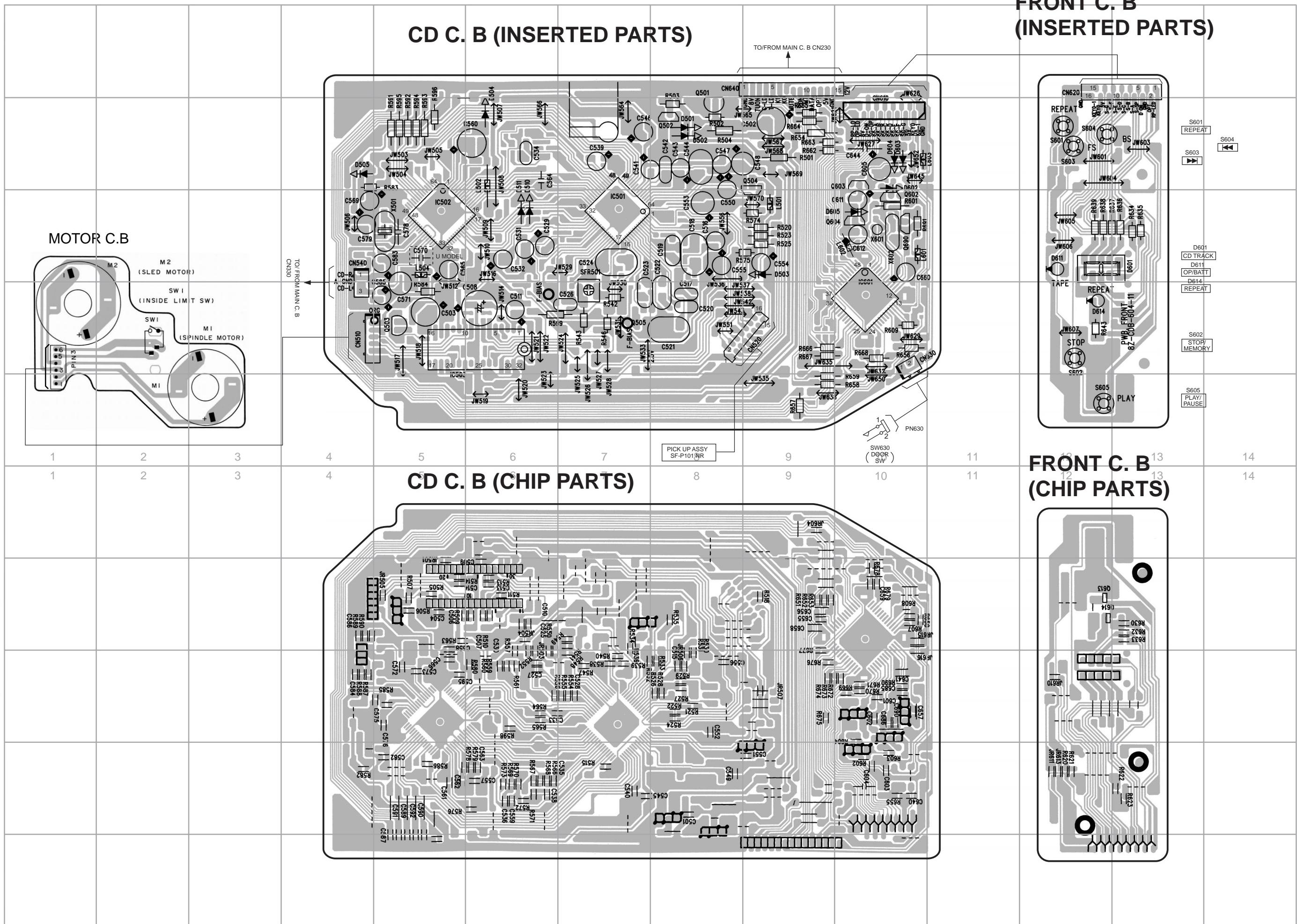




*	HC, HR	U
C024/C025	0.01uF	6800P
L005	5 1/2T 3.3MM (WITH SHIELD CASE)	6 1/2T 3.0MM
R004	10	22
R091	NM	4.7k
C098	NM	0.01uF
C097	NM	0.01uF
PVC001	140P	160P

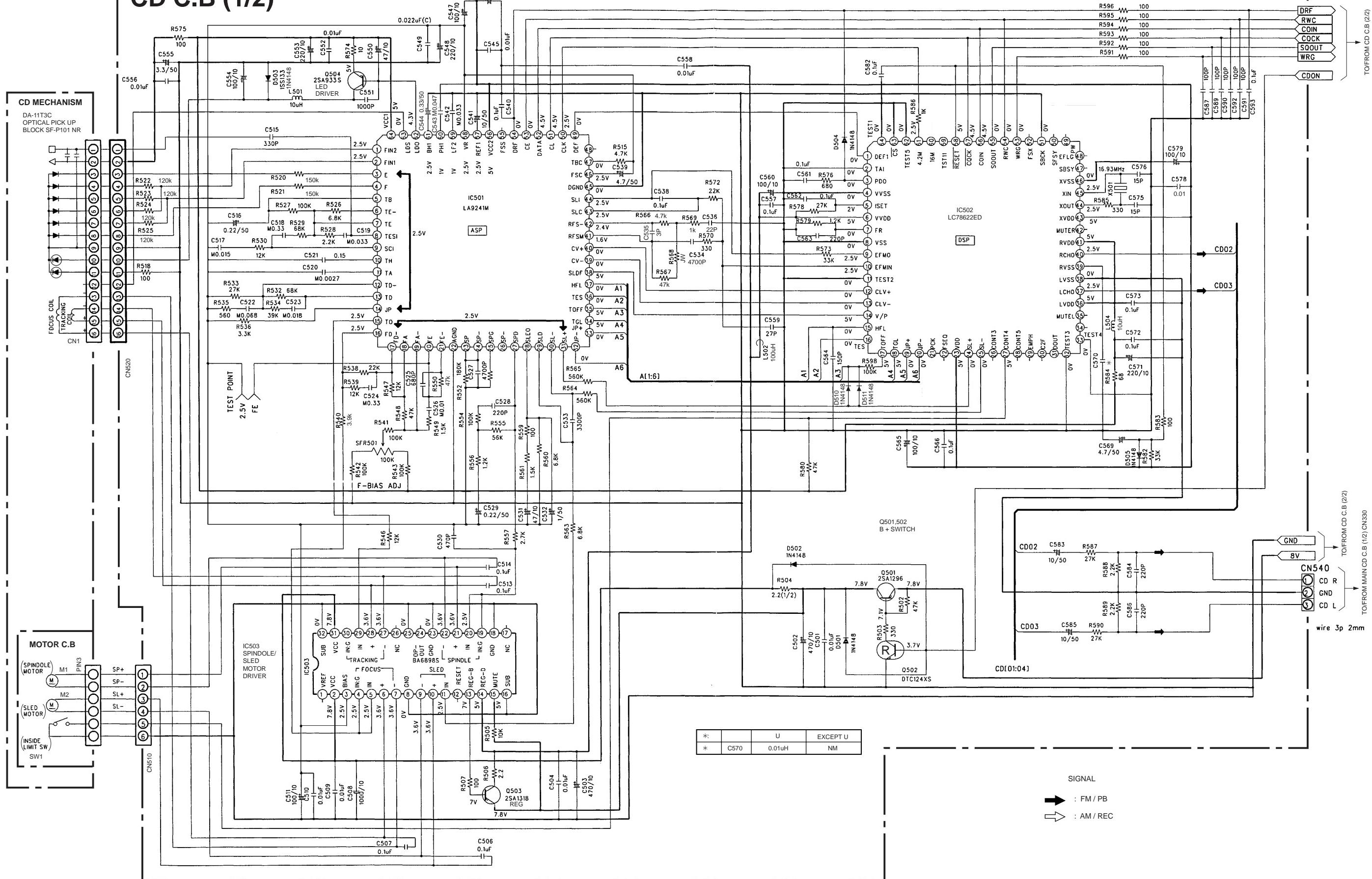
*	HC, HR	U
L002	NM	2 1/2T 5.0MM

SIGNAL
→ : FM / PB
↔ : AM / REC

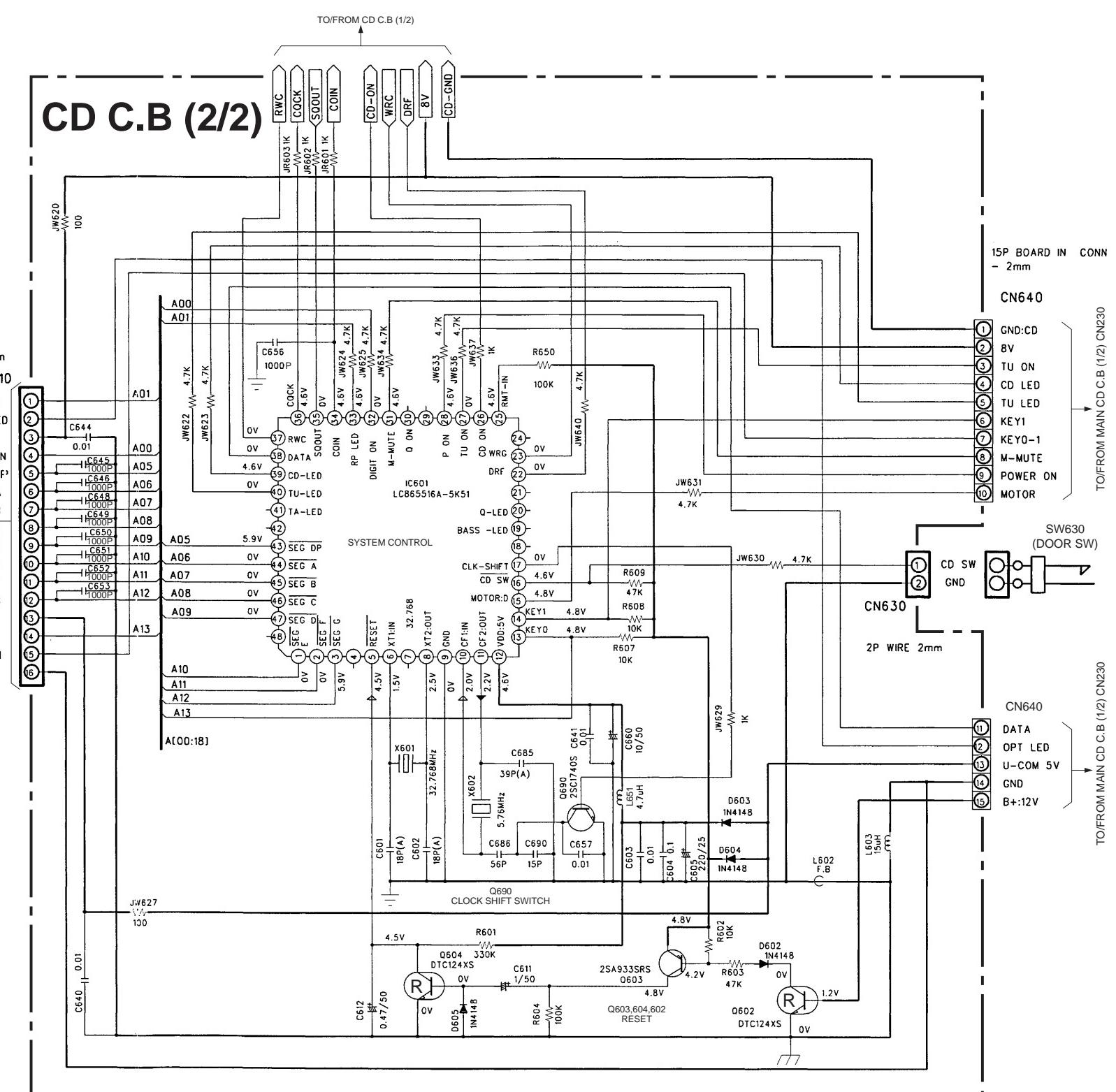
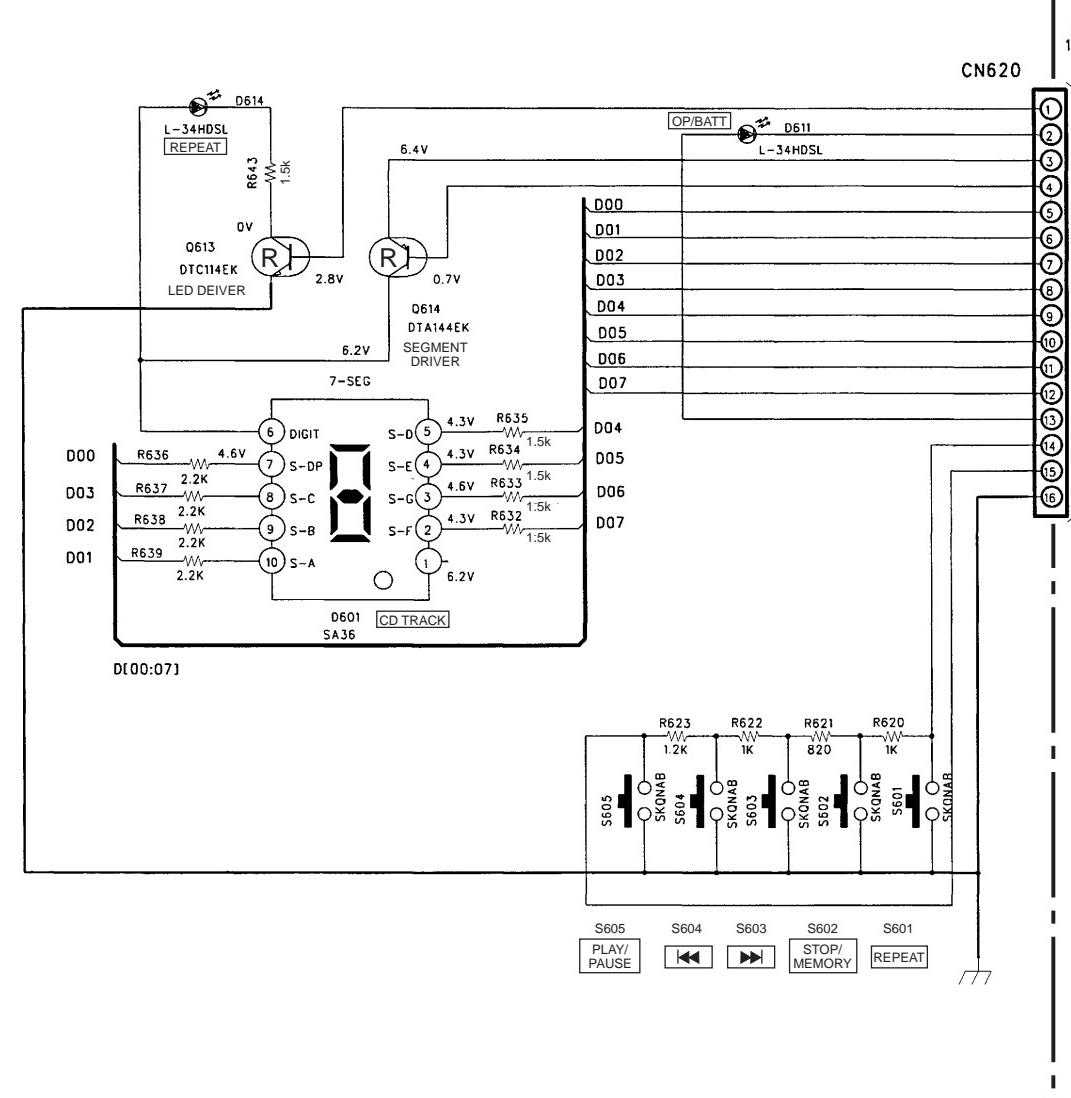


SCHEMATIC DIAGRAM-3 (CD 1/2)

CD C.B (1/2)

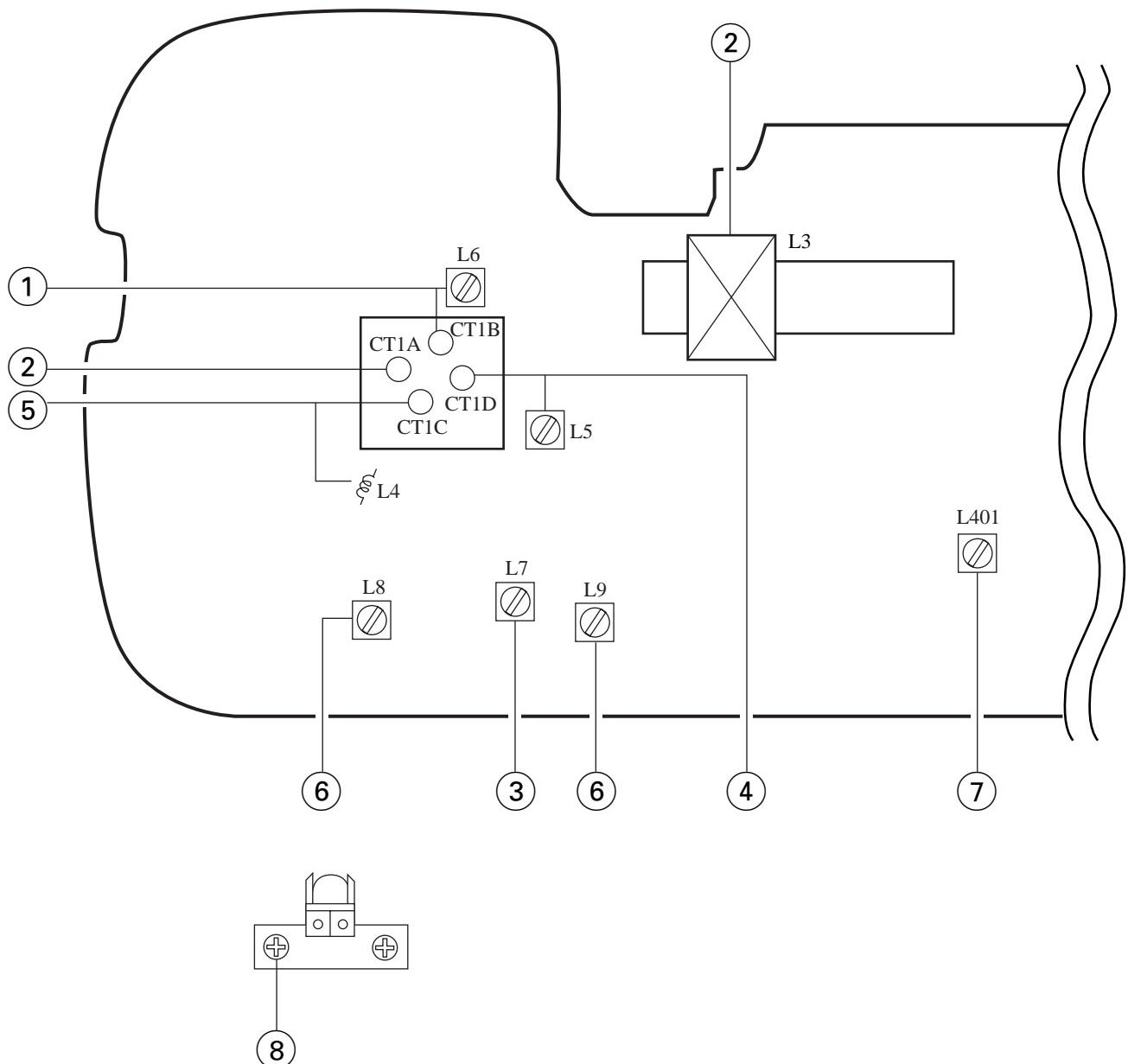


FRONT C. B



ELECTRICAL ADJUSTMENT

MAIN C.B



< RADIO SECTION >

1. AM Frequency Range Adjustment
L6 $517 \pm 3\text{kHz}$
CT1B $1750 \pm 10\text{kHz}$
2. AM Tracking Adjustment
L3 600kHz
CT1A 1400kHz
3. AM IF Adjustment
L7 455kHz
4. FM Frequency Range Adjustment
L5 $87 \pm 0.3\text{MHz}$
CT1D $109 \pm 0.3\text{MHz}$
5. FM Tracking Adjustment
L4 88MHz
CT1C 108MHz

6. FM IF Adjustment
L8, L9 10.7MHz

< TAPE RECORDER SECTION >

7. Bias Adjustment
L401 60kHz
8. Azimuth Adjustment
Condition: • Test tape: TTA-320
• Test point: PHONES JACK
• Adjustment location: Azimuth adjustment screw
Method: Play back the test tape and adjust so that the output is maximum.

PRACTICAL SERVICE FIGURE

< FM SECTION >

IHF Sensitivity: (THD 3%)	Less than 20dB
Signal to noise ratio: (Input 54dB)	More than 55dB (at 98.0MHz)
Distortion: (Input 54dB)	Less than 2.0% (at 98.0MHz) Less than 5.0% (at 98.0MHz)
Stereo separation:	More than 18dB (at 98.0MHz)
Intermediate frequency:	10.7±0.1MHz

< AM SECTION >

Sensitivity: (S/N 10dB)	Less than 45dB
Signal to noise ratio: (Input 74dB)	More than 34dB
Distortion: (Input 74dB)	Less than 1.5% (at 1000kHz)
Intermediate frequency:	455kHz

< DECK SECTION >

Tape speed:	3000Hz±2%
Distortion:	Less than 2.0% (PB) Less than 2.5% (REC)
Signal to noise ratio:	More than 44dB (AC) More than 50dB (DC)
Erasing ratio:	More than 45dB

IC DESCRIPTION

IC, LC865508A

Pin No.	Pin Name	I/O	Description
1	O-SEG E	O	SEG E control.
2	$\overline{\text{O-SEG F}}$	O	SEG F control.
3	$\overline{\text{O-SEG G}}$	O	SEG G control.
4	—	—	Not used.
5	I-RST	I	Microprocessor reset input.
6	XT1 (IN)	I	Connected to an external 32.768 kHz crystal oscillator.
7	NC	—	Not used.
8	XT2 (OUT)	O	Connected to an external 32.768 kHz crystal oscillator.
9	VSS	—	GND.
10	CF1 (IN)	I	Connected to an external 5.76 MHz ceramic filter.
11	CF2 (OUT)	O	Connected to an external 5.76 MHz ceramic filter.
12	VDD	—	Microprocessor power supply (+5 V).
13	I-KEY0	I	Key AD input. (AD)
14	I-KEY1	I	Key AD input. (AD)
15	I-DECK	I	Deck status input. (AD)
16	I- $\overline{\text{CD SW}}$	I	CD door switch status input.
17	O-CLK SFT	O	Main clock shift output.
18	NC	—	Not used.
19	O-BASS LED	O	BASS LED ON/OFF control output.
20	O-Qsound LED	O	Q sound LED ON/OFF control output.
21	O-SFT LED	O	Clock shift A standby input.
22	I-DRF	I	CD RF level detection input.
23	I-WRQ	I	CD subcode Q standby input.
24	NC	—	Not used.
25	I-REMO	I	Remote control input.
26	O-CD ON	O	CD power control output.
27	O-TU ON	O	TU power control output.
28	O-P.CONT	O	The main power supply control output.
29	NC	—	Not used.
30	O-Qsound CONT	O	Q sound ON/OFF control output.
31	O-MUTE	O	Main mute output.
32	O-DIGIT	O	7-segment LED power supply control output.
33	O-RP LED	O	REPEAT LED ON/OFF control output.
34	O-COIN	O	CD command output.
35	I-SQOUT	I	CD subcode Q input.
36	O-CQCK	O	CD command/CLK for subcode.
37	O-RWC	O	CD read/write control output.
38	O-DATA	O	Data output to M62439FP.
39	O-CD FUNC LED	O	LED ON/OFF control output for the CD function
40	O-TU FUNC LED	O	LED ON/OFF control output for the TU function
41	O-TA FUNC LED	O	LED ON/OFF control output for the TA function

Pin No.	Pin Name	I/O	Description
42	NC	—	Not used.
43	O-SEG DP	O	SEG DP control.
44	O-SEG A	O	SEG A control.
45	O-SEG B	O	SEG B control.
46	O-SEG C	O	SEG C control.
47	O-SEG D	O	SEG D control.
48	NC	—	Not used.

IC, LA9241ML

Pin No.	Pin Name	I/O	Description
1	FIN2	I	Pin to which external pickup photo diode is connected. RF signal is created by adding with the FIN1 pin signal. FE signal is created by subtracting from the FIN1 pin signal.
2	FIN1	I	Pin to which external pickup photo diode is connected.
3	E	I	Pin to which external pickup photo diode is connected. TE signal is created by subtracting from the F pin signal.
4	F	I	Pin to which external pickup photo diode is connected.
5	TB	I	DC component of the TE signal is input.
6	TE-	I	Pin to which external resistor setting the TE signal gain is connected between the TE pin.
7	TE	O	TE signal output pin.
8	TESI	I	TES “Track Error Sense” comparator input pin. TE signal is passed through a band-pass filter then input.
9	SCI	I	Shock detection signal input pin.
10	TH	I	Tracking gain time constant setting pin.
11	TA	O	TA amplifier output pin.
12	TD-	I	Pin to which external tracking phase compensation constants are connected between the TD and VR pins.
13	TD	I	Tracking phase compensation setting pin.
14	JP	I	Tracking jump signal (kick pulse) amplitude setting pin.
15	TO	O	Tracking control signal output pin.
16	FD	O	Focusing control signal output pin.
17	FD-	I	Pin to which external focusing phase compensation constants are connected between the FD and FA pins.
18	FA	I	Pin to which external focusing phase compensation constants are connected between the FD- and FA- pins.
19	FA-	I	Pin to which external focusing phase compensation constants are connected between the FA and FE pins.
20	FE	O	FE signal output pin.
21	FE-	I	Pin to which external FE signal gain setting resistor is connected between the FE pin.
22	AGND	—	Analog signal GND.
23	NC	—	No connection.
24	SP	O	Single ended output of the CV+ and CV- pin input signal.
25	SPG	I	Pin to which external spindle gain setting resistor in 12 cm mode is connected.
26	SP-	I	Pin to which external spindle phase compensation constants are connected together with SPD pin.
27	SPD	O	Spindle control signal output pin.
28	SLEQ	I	Pin to which external sled phase compensation constants are connected.
29	SLD	O	Sled control signal output pin.
30, 31	SL-, SL+	I	Sled advance signal input pin from microprocessor.
32, 33	JP-, JP+	I	Tracking jump signal input pin from DSP.
34	TGL	I	Tracking gain control signal input from DSP. Low gain when TGL = H.
35	TOFF	I	Tracking off control signal input pin from DSP. Off when TOFF = H.

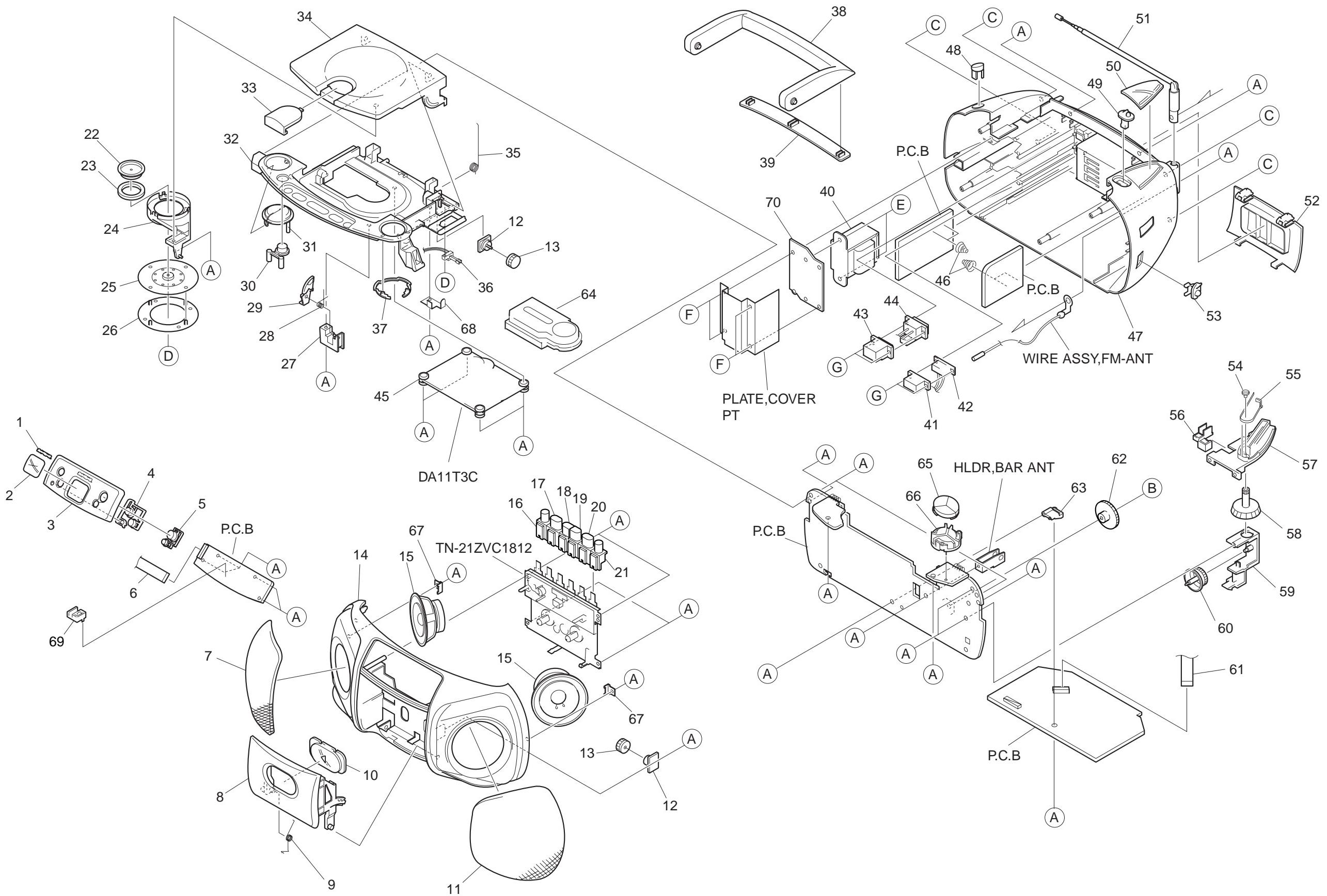
Pin No.	Pin Name	I/O	Description
36	TES	O	Pin from which TES signal is output to DSP.
37	HFL	O	“High Frequency Level” is used to judge whether the main beam position is on top of bit or on top of mirror.
38	SLOF	I	Sled servo off control input pin.
39, 40	CV-, CV+	I	CLV error signal input pin from DSP.
41	RFSM	O	RF output pin.
42	RFS-	I	RF gain setting and EFM signal 3T compensation constant setting pin together with RFSM pin.
43	SLC	O	“Slice Level Control” is the output pin which controls the RF signal data slice level by DSP.
44	SLI	I	Input pin which control the data slice level by the DSP.
45	DGND	—	Digital system GND.
46	FSC	O	Output pin to which external focus search smoothing capacitor is connected.
47	TBC	I	“Tracking Balance Control” EF balance variable range setting pin.
48	NC	—	No connection.
49	DEF	O	Disc defect detector output pin.
50	CLK	I	Reference clock input pin. 4.23 MHz of the DSP is input.
51	CL	I	Microprocessor command clock input pin.
52	DAT	I	Microprocessor command data input pin.
53	CE	I	Microprocessor command chip enable input pin.
54	DRF	O	“Detect RF” RF level detector output.
55	FSS	I	“Focus Search Select” focus search mode (\pm search/+ search) select pin.
56	VCC2	—	Servo system and digital system Vcc pin.
57	REFI	—	Pin to which external bypass capacitor for reference voltage is connected.
58	VR	O	Reference voltage output pin.
59	LF2	I	Disc defect detector time constant setting pin.
60	PH1	I	Pin to which external capacitor for RF signal peak holding is connected.
61	BH1	I	Pin to which external capacitor for RF signal bottom holding is connected.
62	LDD	O	APC circuit output pin.
63	LDS	I	APC circuit input pin.
64	VCC1	—	RF system Vcc pin.

IC, LC78622ED

Pin No.	Pin Name	I/O	Description	
1	DEFI	I	Defect sense signal (DEF) input pin. (Connect to 0V when not used).	
2	TAI	I	For PLL.	Test signal input pin with built-in pull-down resistor. Be sure to connect to 0V.
3	PDO	O		Phase comparator output pin to control external VCO.
4	VVSS	—		GND pin for built-in VCO. Be sure to connect to 0V.
5	ISET	I		Pin to which external resistor adjusting the PD0 output current.
6	VVDD	—		Power supply pin for built-in VCO.
7	FR	I		Pin for VCO frequency range adjustment.
8	VSS	—		Digital system GND. Be sure to connect to 0V.
9	EFMO	O	For slice level control.	EFM signal output pin.
10	EFMIN	I		EFM signal input pin.
11	TEST2	I	Test signal input pin with built-in pull-down resistor. Be sure to connect to 0V.	
12, 13	CLV+, CLV-	O	Disc motor control output. Three level output is possible using command.	
14	V/P	O	Rough servo or phase control automatic selection monitoring output pin. Rough servo at H. Phase servo at L.	
15	HFL	I	Track detect signal input pin. Schmidt input.	
16	TES	I	Tracking error signal input pin. Schmidt input.	
17	TOFF	O	Tracking OFF output pin.	
18	TGL	O	Tracking gain selection output pin. Gain boost at L.	
19, 20	JP+, JP-	O	Track jump control signal output pin. Three level output is possible using command.	
21	PCK	O	EFM data playback clock monitoring pin 4.3218 MHz when phase is locked in.	
22	FSEQ	O	Sync signal detection output pin. H when the sync signal which is detected from EFM signal and the sync signal which is internally generated agree.	
23	VDD	—	Digital system power supply pin.	
24-28	SL+ - PUIN	I/O	General purpose input/output pin 1 to 5. The pin is controlled by the serial data command from microprocessor. When the pin is not used, set the pin to the input terminal and connect to 0V, or alternately set the pin to output terminal and leave the pin open.	
29	EMPH	O	De-emphasis monitor output pin. De-emphasis disc is being played back at H.	
30	C2F	O	C2 flag output pin.	
31	DOUT	O	DIGITAL OUT output pin. (EIAJ format).	
32, 33	TEST3, TEST4	I	Test signal input pin with built-in pull-down resistor. Be sure to connect to 0V.	
34	N.C.	—	Not used. Set the pin to open.	
35	MUTEL	O	L-channel 1-bit DAC.	L-channel mute output pin.
36	LVDD	—		L-channel power supply pin.
37	LCHO	O		L-channel output pin.
38	LVSS	—		L-channel GND. Be sure to connect to 0V.
39	RVSS	—	R-channel 1-bit DAC.	R-channel GND. Be sure to connect to 0V.
40	RCHO	O		R-channel output pin.
41	RVDD	—		R-channel power supply pin.
42	MUTER	O		R-channel mute output pin.

Pin No.	Pin Name	I/O	Description	
43	XVDD	—	Crystal oscillator power supply pin.	
44	XOUT	O	Pin to which external 16.9344 MHz crystal oscillator is connected.	
45	XIN	I		
46	XVSS	—	Crystal oscillator GND pin. Be sure to connect to 0V.	
47	SBSY	O	Subcode block sync signal output pin.	
48	EFLG	O	C1, C2, single and dual correction monitoring pin.	
49	PW	O	Subcode P, Q, R, S, T, U and W output pin.	
50	SFSY	O	Subcode frame sync signal output pin. Falls down when subcode enters standby.	
51	SBCK	I	Subcode read clock input pin. Schmidt input. (Be sure to connected to 0V when not in use.)	
52	FSX	O	Pin outputting the 7.35 kHz sync signal which is generated by dividing frequency of crystal oscillator.	
53	WRQ	O	Subcode Q output standby output pin.	
54	RWC	I	Read/write control input pin. Schmidt input.	
55	SQOUT	O	Subcode Q output pin.	
56	COIN	I	Command input pin from microprocessor.	
57	CQCK	I	Command input read clock or subcode read input clock from SQOUT pin	
58	RES	I	LC78622 reset input pin. Set this pin to L once when the main power is turned on.	
59	TST11	O	Test signal output pin. Use this pin as open (normally L output).	
60	16M	O	16.9344 MHz output pin.	
61	4.2M	O	4.2336 MHz output pin.	
62	TEST5	I	Test signal input pin with built-in pull-down resistor. Be sure to connect to 0V.	
63	CS	I	Chip select signal input pin with built-in pull-down resistor. Be sure to connect to 0V while it is not controlling.	
64	TEST1	I	Test signal input pin without built-in pull-down resistor. Be sure to connect to 0V.	

Note: The same potential must be applied to the respective power supply terminals. (VDD, VVDD, LVDD, RVDD, XVDD)



MECHANICAL PARTS LIST 1/1

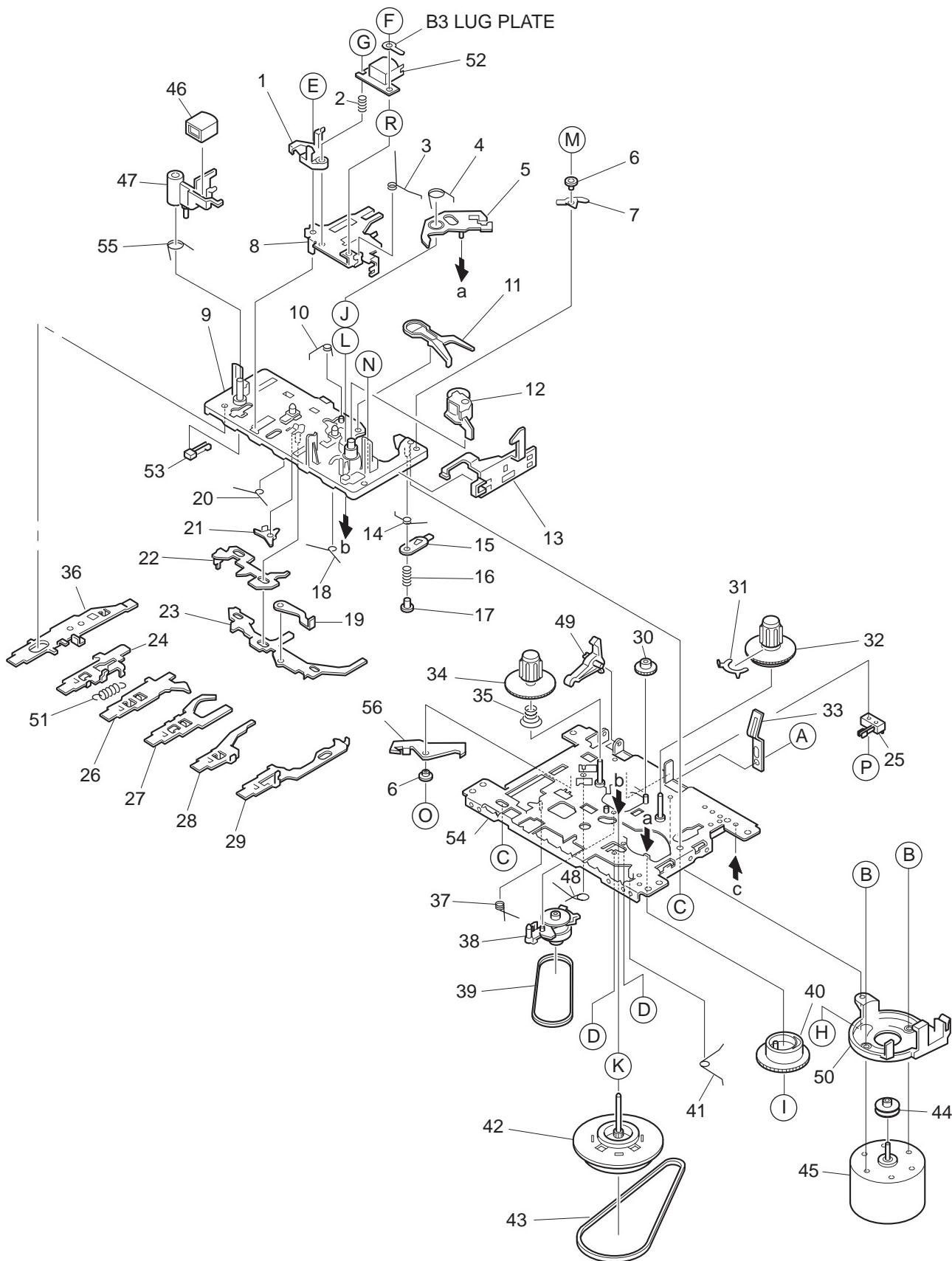
DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	KANRI NO.	DESCRIPTION	REF. NO	PART NO.	KANRI NO.	DESCRIPTION
1	84-CD8-083-010		BADGE,AIWA 30.5-5.2 2.5LEAD	42	87-A90-146-010		SW,SL 1-1-2<HR,HC>
2	8Z-CDB-004-010		WINDOW,LED (EX)<HR,HC>	43	88-CD9-207-010		COVER, AC SOCKET
2	8Z-CDB-046-010		WINDOW,LED(U)<U>	44	87-A60-178-010		JACK,AC E W/SW<HR,HC>
3	8Z-CDB-042-010		PANEL,FRONT(U)	44	87-A60-177-010		JACK,AC U W/SW<U>
4	8Z-CDB-026-010		KEY,CD A	45	88-CT6-206-010		CUSHION,CD
5	8Z-CDB-027-010		KEY,CD B	46	88-CD8-209-010		SPR-C,BATT
6	8Z-CDB-625-010		FF-CABLE, 16P 1.25 240MM FRONT	47	8Z-CDB-041-010		CABI,REAR(U)<U>
7	8Z-CDB-012-010		GRILLE,SPKR L<U>	48	8Z-CDB-024-010		KEY,Q-SOUND
7	8Z-CDB-095-010		GRILLE,SPKR R (GRAY)<HR,HC>	49	8Z-CDB-028-010		KNOB,SL BAND
8	8Z-CDB-006-010		LID,CASS	50	8Z-CDB-056-010		WINDOW,TU(HR)<HR,HC>
9	8Z-CDB-210-010		SPR-T,LID CASS	50	8Z-CDB-045-010		WINDOW,TU(U)<U>
10	8Z-CDB-008-010		WINDOW,CASS	51	87-043-116-010		ANT,WHIP
11	8Z-CDB-094-010		GRILLE,SPKR L (GRAY)<HR,HC>	52	8Z-CDB-007-010		LID,BATT
11	8Z-CDB-013-010		GRILLE,SPKR R<U>	53	8Z-CDB-029-010		KNOB,SL ST/MN
12	84-CD5-216-010		BRACKET	54	8Z-CDB-218-010		W, TUNING
13	84-CD5-215-010		GEAR	55	8Z-CDB-035-010		POINTER,TUNNING
14	8Z-CDB-001-010		CABI,FRONT	56	8Z-CDB-222-010		PLATE,FM
15	88-CD8-622-010		SPKR,F 77 70OHM 3W	57	8Z-CDB-209-010		HLDR,BAND
16	8Z-CDB-019-010		KEY,CASS PAUSE	58	8Z-CDB-030-010		KNOB,RTRY TU
17	8Z-CDB-021-010		KEY,CASS STOP	59	8Z-CDB-206-010		HLDR,PVC
18	8Z-CDB-022-010		KEY,CASS FF	60	8Z-CDB-220-010		GEAR,TUNING
19	8Z-CDB-023-010		KEY,CASS REW	61	8Z-CDB-623-010		FF-CABLE, 16P 1.0 140MM CD-RF
20	8Z-CDB-020-010		KEY,CASS PLAY	62	8Z-CDB-205-010		GEAR,PVC
21	8Z-CDB-018-010		KEY,CASS REC	63	8Z-CSA-202-010		HLDR,PCB
22	84-CT5-209-010		PLATE,MAGNET	64	8Z-CDB-169-010		PANEL,CD SANYO
23	87-036-368-010		MAGNET	65	8Z-CDB-048-010		KEY,FUNCT(U)
24	8Z-CDB-215-010		HLDR,LID CD	66	8Z-CDB-204-010		HLDR,KEY FUNC
25	8Z-CDB-170-010		BASE,CHUCK	67	8Z-CDB-208-010		HLDR,SPKR
26	88-CD9-211-010		RING,CHUCK	68	88-CD8-222-010		SPR-P,DAMP CD
27	87-CD7-207-010		HLDR,LOCKER	69	8Z-CDB-207-010		HLDR,LED
28	82-CD8-212-010		SPR-T,CAM CD	70	8Z-CDB-227-010		HLDR,PT
29	87-CD7-206-010		DOOR,CD LOCKER	A	87-261-096-410		SCREW,V+3-10 GLD
30	8Z-CDB-025-010		KEY,EQ	B	87-751-034-410		SCREW VT2+2-5
31	8Z-CDB-016-010		KEY,VOL	C	87-745-094-410		UT2+3-6
32	8Z-CDB-047-010		CHAS,CD(U)	D	87-651-035-410		VT1 2-6 GLD
33	8Z-CDB-009-010		WINDOW,CD	E	87-661-096-410		SCREW,VFT1+3-10
34	8Z-CDB-005-010		LID,CD	F	87-741-096-410		UT2+3-10
35	8Z-CDB-211-010		SPR-T,LID CD	G	87-741-074-410		UT2+2.6-8
36	81-590-677-010		SWITCH LEAF				
37	8Z-CDB-037-010		LENS,LED				
38	8Z-CDB-014-010		ARM,MAIN HANDL				
39	8Z-CDB-015-010		COVER,HANDLE				
40	8Z-CDB-622-010		PT,H<HR,HC>				
40	8Z-CDB-620-010		PT,U<U>				
41	87-A90-147-010		COVER,AC SEL SW<HR,HC>				

COLOR NAME TABLE

Basic color symbol	Color	Basic color symbol	Color	Basic color symbol	Color
B	Black	C	Cream	D	Orange
G	Green	H	Gray	L	Blue
LT	Transparent Blue	N	Gold	P	Pink
R	Red	S	Silver	ST	Titan Silver
T	Brown	V	Violet	W	White
WT	Transparent White	Y	Yellow	YT	Transparent Yellow
LM	Metallic Blue	LL	Light Blue	GT	Transparent Green
LD	Dark Blue	DT	Transparent Orange		

TAPE MECHANISM EXPLODED VIEW 1/1

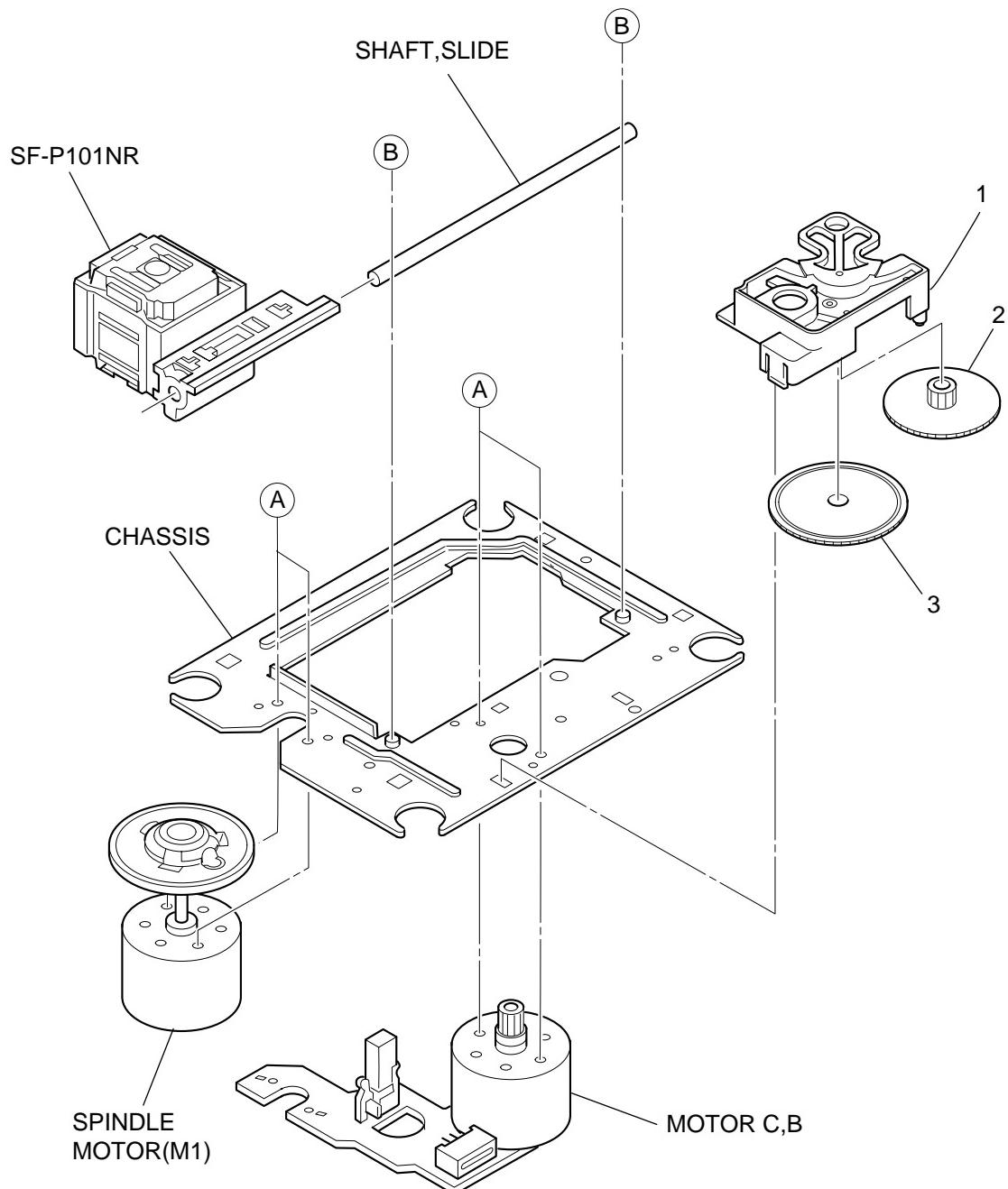


TAPE MECHANISM PARTS LIST 1/1

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	KANRI NO.	DESCRIPTION	REF. NO	PART NO.	KANRI NO.	DESCRIPTION
1	S1-921-030-4A0		HEAD BASE	41	S1-921-140-160		E ACTUATOR SPRING
2	S1-821-030-070		AZIMUTH SPRING	42	S1-921-093-030		FLYWHEEL ASSY
3	S1-921-030-090		PANEL P SPRING	43	S1-921-090-040		MAIN BELT
4	S1-921-260-050		GEAR PLATE SPRING	44	S1-921-120-010		MOTOR PULLEY
5	S1-921-265-020		GEAR PLATE ASSY	45	S6-002-030-220		MOTOR EG530AD-2B
6	S1-921-140-370		P ARM COLLER	46	S6-209-100-100		E HEAD PH-K380-MS1
7	S1-921-140-340		P ARM	47	S1-921-030-050		MG ARM
8	S1-921-030-110		HEAD PANEL	48	S1-921-140-210		REC BUTTON LEVER SPRING
9	S1-921-143-160		BASE ASSY	49	S1-821-100-690		RECORD SAFETY LEVER
10	S1-921-141-8A0		M CONTROL SPRING	50	S1-821-128-9A0		MOTOR BRACKET
11	S1-921-260-4A0		SENSING LEVER	51	S1-821-010-500		PLAY BUTTON LEVER SPRING
12	S1-921-043-100		PINCH ROLLER ARM ASSY	52	S6-201-011-110		HEAD,RP7442ES-0951
13	S1-921-130-010		EJECT SLIDE LEVER	53	S6-401-011-520		LEAF SW MSW-1541F
14	S1-921-141-3A0		P CONTROL SPRING	54	S1-921-015-010		CHASSIS ASSY
15	S1-921-140-550		PAUSE LEVER(E)	55	S1-921-030-100		MG ARM SPRING
16	S1-921-140-120		PAUSE LEVER SPRING	56	S1-921-020-010		REC ARM
17	S1-921-140-110		PAUSE STOPPER	A	S9-P04-200-310		C TAPPING SCREW 2-3
18	S1-921-140-150		BUTTON LEVER SPRING(B)	B	S1-921-120-020		MOTOR COLLER SCREW
19	S1-821-011-590		E KICK LEVER	C	S9-B10-200-510		P TAPPING BIND SCREW M2-5
20	S1-921-140-140		BUTTON LEVER SPRING(A)	D	S9-C07-204-510		SCREW,TAPPING(CAMERA)M2-4.5
21	S1-921-140-200		PR STOPPER	E	S9-P01-200-610		SCREW,M2-6
22	S1-921-140-090		SWITCH ACTUATOR	F	S9-P01-200-310		SCREW,M2-3
23	S1-921-140-080		PUSH BUTTON ACTUATOR	G	S9-F08-200-710		AZIMUTH SCREW M2-7
24	S1-921-140-190		PLAY BUTTON LEVER	H	S1-921-120-030		MB SCREW
25	S6-401-010-380		LEAF SWITCH MSW-1275	I	S9-W02-300-100		P WASHER CUT 1.2-3.8-0.3
26	S1-921-140-040		REW BUTTON LEVER	J	S9-W02-500-100		P WASHER CUT 1.45-3.8-0.5
27	S1-921-140-050		FF,BUTTON LEVER	K	S9-W01-400-100		P WASHER 2-3.5-0.4
28	S1-921-140-060		STOP BUTTON LEVER	L	S9-W01-130-200		P WASHER 2.1-4-0.13
29	S1-921-140-600		PAUSE BUTTON LEVER	M	S9-P08-203-010		PS TAPPING SCREW M2-3
30	S1-821-100-700		FF GEAR	N	S9-P05-200-810		SCREW,S TAP 2-8
31	S1-921-050-060		SENSOR	O	S9-P04-200-410		C TAPPING SCREW M2-4
32	S1-921-053-030		TAKE UP REEL ASSY	P	S9-P04-200-510		C TAPPING SCREW M2-5
33	S1-829-100-010		PACK SPRING	R	S9-W13-000-100		Y WASHER PB 0.1T
34	S1-921-053-040		SUPPLY REEL ASSY				
35	S1-821-100-990		BACK TENSION SPRING				
36	S1-921-140-030		REC BUTTON LEVER				
37	S1-921-140-170		P.S.LEVER SPRING				
38	S1-921-073-040		RF CLUTCH ASSY				
39	S1-921-070-030		RF BELT				
40	S1-921-260-020		CAM GEAR				

CD MECHANISM EXPLODED VIEW 1/1



CD MECHANISM PARTS LIST 1/1

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REF. NO	PART NO.	KANRI NO.	DESCRIPTION
1	S2-121-A28-400		COVER GEAR
2	S2-511-A21-000		GEAR MIDDLE
3	S2-511-A21-100		GEAR,DRIVE
A	S1-PN2-03R-0SE		SCR PAN PCS 2-3
B	87-261-073-410		SCR S-TPG FLT 2.6-6

ACCESSORIES/PACKAGE LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
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REF. NO	PART NO.	KANRI NO.	DESCRIPTION
▲	1 87-A80-081-010		AC CORD SET ASSY,EZ BLK<HRJS>
▲	1 87-A80-089-010		AC CORD SET,HC<HCS>
▲	1 87-A80-109-010		AC CORD, HK7281 BLK U<U2S>
	2 8Z-CDB-937-010		IB,H(EC-K)B<HCS>
	2 8Z-CDB-917-010		IB,H(ECA)B<HRJS>
	2 8Z-CDB-915-010		IB,U(ESF)B<U2S>
▲	3 87-099-789-010		PLUG,ADPTR IR44<HRJS>



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